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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

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February, 1957

Production of crude oil and condensate from the oil and gas areas of Montana for the month of February, 1957, averaged 71,300 barrels daily, an increase of 2,886 barrels from the average January production of 68,414.

The ten refineries in the State processed 67,238 barrels of crude oil daily for the month of February, 1957, an increase of 1,465 barrels daily from the 65,773 barrels processed daily during the month of January, 1957.

During February 20 wells were completed, 12 oil, 0 gas wells and 8 dry holes.

During February, 1957, the Commission issued 20 permits to drill new wells, the same number of permits as were issued during January, 1957.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF FEBRUARY, 1957

IN STORAGE FEBRUARY 1st:

By Producers	325,782
By Transporters	620,236
By Refiners	674,901

TOTAL STORAGE

Produced in Montana During Month	1,996,419
Imported During Month	1,033,247

TOTALS

DISPOSITION:

Refined in Montana	1,882,659
Exported	1,204,660
Used for Fuel or Lost	26,879

TOTALS

IN STORAGE FEBRUARY 28th:

By Producers	325,908
By Transporters	628,353
By Refiners	582,126

TOTAL STORAGE

NATURAL GAS WITHDRAWALS IN MONTANA

Month of February, 1957

Field	M Cu. Ft.
Bears Den	0
Big Coulee	25,216
Bowdoin	270,488
Bowes	78,941
Box Elder	0
Cedar Creek	407,019
Cut Bank (Including Reagan)	1,419,812
Devon	0
Dry Creek	235,979
Elk Basin	38,262
Flat Coulee	53,282
Golden Dome	4,921
Hardin	4,216
Keith Block	269,178
Kevin-Sunburst	150,030
Plevna	17,118
Utopia	118,103
Whitlash	148,061
Miscellaneous	28,307
TOTAL	3,268,933

Total Withdrawals for February, 1956, were 3,339,773 M Cu. Ft.

PRODUCER'S REPORT

MONTH OF FEBRUARY, 1957

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	691	2,773	.....	2,643	.....	821
1	Bannatyne	2	.....	308	.....	308	.....	.....
8	Big Wall	23	4,678	17,824	.....	18,142	.....	4,360
4	Border	8	.....	996	.....	996	.....	.....
10	Bowes	74	4,787	21,177	20,582	.....	.....	5,382
.....	Brady-Midway .....	.....	.....	.....	.....	.....	.....	.....
2	Bredette	2	2,681	2,562	2,354	.....	.....	2,889
4	North Bredette	4	3,377	8,835	9,297	.....	193	2,722
2	Brorson	3	2,438	2,293	2,501	.....	.....	2,230
.....	Bynum .....	.....	119	.....	.....	.....	.....	119
2	Cabin Creek	39	10,146	211,080	204,324	.....	4,767	12,135
18	Cat Creek	82	4,174	11,690	11,789	.....	.....	4,075
1	Clark's Fork	1	423	509	.....	.....	.....	932
2	Clark's Fork, North.....	2	806	10,180	.....	8,044	.....	2,942
2	Cupton	2	1,740	2,041	2,491	.....	.....	1,290
332	Cut Bank	1,114	121,478	199,825	196,779	.....	.....	124,524
3	Deer Creek	5	1,327	5,607	5,721	.....	.....	1,213
1	Delphia	1	949	569	.....	913	.....	605
.....	Devil's Basin .....	.....	484	.....	.....	.....	.....	484
6	Dry Creek	6	1,694	8,680	9,098	.....	.....	1,276
20	Elk Basin	58	10,337	252,295	252,257	.....	.....	10,375
3	Fertile Prairie	3	1,484	2,316	.....	2,167	.....	1,633
2	Frannie	2	411	233	351	.....	.....	293
1	Gage	1	675	.....	.....	.....	.....	675
2	Gas City	11	5,047	31,735	32,828	.....	.....	3,954
6	Glendive	12	4,264	36,604	36,230	.....	.....	4,638
.....	Golden Dome .....	.....	378	.....	.....	.....	.....	378
4	Ivanhoe	10	4,434	31,849	.....	32,781	.....	3,502
185	Kevin-Sunburst	1,312	15,737	70,700	70,927	.....	.....	15,510
1	Lake Basin	1	284	33	.....	.....	.....	317
1	Little Beaver	6	1,938	22,182	20,828	.....	.....	3,292
1	East Little Beaver.....	1	1,424	1,247	1,868	.....	.....	803
3	Melstone	5	1,723	4,833	.....	4,339	.....	2 217
.....	Mosser .....	.....	.....	.....	.....	.....	.....	.....
1	Outlook Area	1	2,546	6,795	.....	6,960	1,377	1,004
9	Pennel	18	5,594	46,202	43,020	.....	2,815	5,961
4	Pine	99	18,823	363,463	356,773	.....	2,645	22,868
63	Pondera	314	9,387	45,531	44,256	.....	99	10,563
10	East Poplar	89	28,075	365,425	340,294	28,656	129	24,421
3	Northwest Poplar	4	1,441	1,682	.....	1,734	.....	1,389
4	Ragged Point	7	1,613	6,183	.....	5,013	.....	2,783
.....	Rattlesnake Butte .....	.....	399	.....	.....	.....	.....	399
4	Reagan	43	2,551	15,797	15,829	.....	.....	2,519
.....	Repeat .....	.....	599	.....	.....	.....	.....	599
4	Richey	8	4,577	9,109	9,410	.....	309	3,967
.....	Rudyard .....	.....	35	.....	.....	.....	.....	35
2	Snyder	4	2,393	2,931	.....	3,742	4	1,578
5	Soap Creek	19	5,221	11,923	.....	14,466	.....	2,678
1	Southwest Richey	3	979	4,861	4,386	.....	.....	1,454
16	Sumatra	55	12,300	100,425	95,004	4,834	.....	12,887
2	Sweetgrass Hills	2	830	243	.....	506	.....	567
.....	Utopia .....	.....	2	.....	.....	.....	.....	2
7	Whitlash	22	8,786	8,390	8,920	2,079	.....	6,177
.....	Wibaux .....	.....	202	.....	.....	.....	77	125
8	Wolf Springs	20	8,506	44,195	39,587	5,872	.....	7,242
1	Woodrow	1	365	1,962	1,819	.....	.....	508
1	Yellowstone	1	430	326	.....	160	.....	596
773		3,504	325,782	1,996,419	1,839,523	144,355	12,415	325,908

Total Oil Produced and Shipped from Leases	Bbbls. Produced	Daily Average	Bbbls. Shipped	Daily Average
Year, 1956	21,759,561	59,615	21,585,574	59,139
January, 1957	2,120,851	68,414	2,104,000	67,871
February, 1957	1,996,419	71,300	1,983,878	70,853

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1956	324,631	618,681	768,496	1,711,858
January 31, 1957	325,782	620,236	674,901	1,620,919
February 28, 1957	325,908	628,353	582,126	1,536,387

*Includes Wyoming Oil.

**TRANSPORTER'S REPORT
MONTH OF FEBRUARY, 1957**

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Trucks			2,643				2,643		
BANNATYNE—Trucks			308			308			
BIG WALL—Trucks			18,142			13,867	4,275		
BORDER—Trucks			996			996			
BOWES—									
Trigord Oil Company	3,963	4,410			249		5,549		2,575
The Texas Company		16,172				16,172			
	3,963	20,582			249	16,172	5,549		2,575
BRORSON—Sun Oil Company		2,501					2,501		
CABIN CREEK AND OTHERS*—									
Butte Pipe Line Company	283,976	607,595		464,076			1,054,285		301,362
Shell Pipeline Corp.	6,364	68,208			142			68,110	6,320
	290,340	675,803		464,076	142		1,054,285	68,110	307,682
CAT CREEK—									
Continental Pipeline Co.	5,730	8,279			(254)	8,278			5,985
Wm. Hanlon		3,510				3,510			
	5,730	11,789			(254)	11,788			5,985
CLARK'S FORK—Trucks			8,044			3,023	5,021		
CUT BANK—									
Big West Oil Company		5,370		21,066		26,436			
Darling Gathering System, Inc.	2,709	15,351			18	14,565			3,477
Phillips Petroleum Company	15,973	34,681			772	23,071		16,213	10,598
The Texas Pipeline Company	79,104	46,367		41,782	2,501	50,331		24,966	89,455
Toronto Pipeline Company	21,256	52,582			(22)			41,782	32,078
Union Oil Company	128,707	41,031		20,113	84	83,727			106,040
	247,749	195,382		82,961	3,353	198,130		82,961	241,648
DELPHIA—Trucks			913			913			
DRY CREEK—Ohio Oil Company	7,501	9,273			(96)	7,358			9,512
ELK BASIN—Ohio Oil Company		252,257				182,025	70,232		
FERTILE PRAIRIE—Trucks			2,167				2,167		
FRANNIE—Ohio Oil Company		351					351		
GLENDIVE, DEER CREEK and WOODROW									
The Texas Pipeline Company	4,649	43,645			456			45,089†	2,749
IVANHOE—Trucks			32,781			30,406	2,375		
KEVIN-SUNBURST									
Big West Oil Company	2,188	31,996				32,079			2,105
Homestake Oil & Gas Company	526	3,541				3,831			236
The Texas Pipeline Company	7,910	32,945		1,146	60	34,031			7,910
Anna Aronow	132	1,035						1,146	21
	10,756	69,517		1,146	60	69,941		1,146	10,272
MELSTONE—Trucks			4,339			4,339			
OUTLOOK AREA			6,960				6,960		
PONDERA—									
Phillips Petroleum Company	7,855	44,259			2,416	41,764			7,934
POPLAR and BREDETTE—									
East Poplar Gathering System	13,004	352,092			236			350,877†	18,983
Trucks			30,390				30,390		
	13,004	352,092	30,390		236		30,390	350,877	18,983
RAGGED POINT—Trucks			5,013			5,013			
REAGAN—Union Oil Company		15,829				15,829			
SNYDER—Trucks			3,742				3,742		
SOAP CREEK—Trucks			14,466			5,131	9,335		
SUMATRA—									
Powder River Pipeline, Inc.	13,347	95,004			475	97,343			15,533
Trucks			4,834				4,834		
	13,347	95,004	4,834		475	97,343	4,834		15,533
SWEETGRASS HILLS—Trucks			506			506			
WHITLASH—									
Homestake Oil & Gas Company	2,654			9,094		9,420			2,328
Western Natural Gas Company	377	8,920						9,094	203
Trucks			2,079			2,079			
	3,031	8,920	2,079	9,094		11,499		9,094	2,531
WOLF SPRINGS—									
Powder River Pipe Line Co.	2,311	39,587			198	38,751			2,949
Trucks			5,872			5,872			
	2,311	39,587	5,872		198	44,623			2,949
YELLOWSTONE—Trucks			160			160			
TOTALS	620,236	1,836,791	144,355	557,277	7,235	761,134	1,204,660	557,277	628,353

*Cabin Creek, Cupton, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey and Southwest Richey Fields.
†Transferred to Butte Pipe Line Co.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF FEBRUARY, 1957

Fields	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Bannatyne							459	.....	.....	.....	459
Big Wall					14,865	.....	.....	.....	.....	.....	14,865
Border								569	.....	.....	569
Bowes				12,197	.....	.....	.....	.....	.....	.....	12,197
Cat Creek			8,066	.....	.....	3,951	.....	.....	.....	.....	12,017
Clark's Fork					5,482	.....	.....	.....	.....	.....	5,482
Cut Bank	26,436	.....	.....	.....	.....	.....	22,775	134,628	.....	85,790	269,629
Devils Dasin									1,326	.....	1,326
Dry Creek					6,977	.....	.....	.....	.....	.....	6,977
Elk Basin		125,641	56,384	.....	.....	.....	.....	.....	.....	.....	182,025
Ivanhoe					16,110	.....	.....	.....	.....	15,589	31,699
Kevin-Sunburst	32,797	.....	.....	.....	.....	.....	.....	677.20	.....	.....	100,517
Melstone						6,539	.....	.....	.....	.....	6,539
Pondera							43,032	.....	.....	.....	43,032
Ragged Point					4,453	486	.....	.....	.....	.....	4,939
Reagan											
Soap Creek										15,829	15,829
Sumatra					105,378	.....	.....	.....	10,410	.....	10,410
Sweetgrass Hills	496	.....	.....	.....	.....	.....	.....	.....	.....	.....	105,378
Whitlash											496
Wolf Springs		38,695	.....	.....	.....	.....	.....	17,907	.....	2,092	19,999
Yellowstone					147	.....	1,916	.....	.....	.....	40,611
Total Montana Oil	59,729	164,336	64,450	12,197	153,412	10,976	68,182	220,824	11,736	119,300	885,142
Canadian Oil Imported				5,865	.....	.....	7,124	.....	.....	3,211	16,200
Wyoming Oil Imported		497,488	201,518	.....	280,876	1,435	.....	.....	.....	.....	981,317
TOTAL Montana, Canadian and Wyoming Oil	59,729	661,824	265,968	18,062	434,288	12,411	75,306	220,824	11,736	122,511	1,882,659

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year 1956	24,735	239	37,486	62,460
February, 1956	24,142	87	43,596	67,825
February, 1957	31,612	579	35,047	67,238

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year 1956	39.60%	.39%	60.01%
February, 1956	35.59%	.13%	64.28%
February, 1957	47.02%	.86%	52.12%